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Concerning Application 09/980157

With a knowledge of the results of examination, the author considers necessary to note the following:

1. The author does not see how points 13-24 appeared and why the numeration was changed: 13-24 instead of original 1-13.
2. In Item 2 (14) description is given of the commutator unit structure which is included as a separate block in the system proposed in Item 1 (13).
3. Technical decisions quoted by the Examiner do not contest novelty of the proposed system:
 - a. Feedback controlled optics with wavefront compensation as in Patent 5,265,034 differs from the proposed system both in function and construction.

Devices for scanning, seeking and absorbing radio frequency-infrared frequency energy of technical decisions quoted by the Examiner (see US Patents 4,158,840; 3,744,740; 4,780,719 and 4,477,814) are totally different from those used in the presented system of target coordinators (see GFR Patent 3,412,076 G01B-11/03). Fig.1 shows linear photoelectronic transducers (PET₁ and PET₂) installed in the X0Y plane in the direction perpendicular to corresponding cylindrical optic elements CO₁ and CO₂. In this case the area is scanned (surveyed) during a single cycle. The number of quantization steps of image decomposition by linear PETs is by an order of magnitude greater than in the matrix transducers of image, thus providing high accuracy and speed of operation.

- b. Target coordinator optical axis (OZ) of the guidance device used in the given system is devoid of design details, that is why the laser beam can be directed along the axis which is impossible in the aforementioned inventions.
4. Corrected for Examiner's requirements, description and formula of the invention will be later presented by the author.


Aliiev,
Inventor

02/09/2004

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